



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1823.0340001APPLICATION NO.
10/020,498APPLICANT
Scott et al.FILING DATE
December 18, 2001GROUP
2625

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
✓	AA1	3,699,519	10/1972	Campbell			
	AB1	4,152,056	05/1979	Fowler			
	AC1	4,210,899	07/1980	Swonger et al.			
	AD1	4,253,086	02/1981	Szwarcwier			
	AE1	4,811,414	03/1989	Fishbine et al.			
	AF1	4,905,293	02/1990	Asai et al.			
	AG1	5,157,497	10/1992	Topper et al.			
	AH1	5,185,673	02/1993	Sobol			
	AI1	5,253,085	10/1993	Maruo et al.			
	AJ1	5,285,293	02/1994	Webb et al.			
✓	AK1	5,448,649	09/1995	Chen et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
✓	AL1	2 089 545	06/1982	Great Britain	G06K	9/20	Yes No
	AM1	2 313 441	11/1997	Great Britain	G06K	7/10	Yes No
	AN1	0 653 882 B1	01/2000	Europe	H04N	5/217	Yes No
	AO1	0 785 750 B1	06/1999	Europe	A61B	5/117	Yes No
✓	AP1	0 889 432 A2	01/1999	Europe	G06K	9/00	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	1	Roethenbaugh, G., Biometrics Explained, International Computer Security Association, ICSCA, Inc., 1998, pages 1-34.
✓	AS	1	IBM Technical Disclosure Bulletin, IBM Corp., October 1986, Vol. 29, No. 5, pages 1-3.
✓	AT	1	LS 1 LiveScan Booking Workstation High Performance Finger & Palm Scanning System, HEIMANN Rheinmentall Elektronik (online), retrieved June 4, 1998. Retrieved from the Internet: <URL: http://www.hbs-jena.com/ls1.htm , 6 pages.

EXAMINER

✓ Scott et al.

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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g3l	AA2	5,471,240	11/1995	Prager et al.			
	AB2	5,483,601	01/1996	Faulkner			
	AC2	5,528,355	06/1996	Maase et al.			
	AD2	5,548,394	08/1996	Giles et al.			
	AE2	5,625,448	04/1997	Ranalli et al.			
	AF2	5,650,842	07/1997	Maase et al.			
	AG2	5,680,205	10/1997	Borza			
	AH2	5,748,768	05/1998	Sivers et al.			
	AI2	5,767,989	06/1998	Sakaguchi			
	AJ2	5,809,172	09/1998	Melen			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
g3l	AL2	WO 96/17480	06/1996	PCT	H04N	13/93	Yes No
	AM2	WO 99/12123	03/1999	PCT	G06K	9/00	Yes No
	AN2	1-205392	08/1989	Japan	G06K	9/00	Yes No
	AO2	3-161884	07/1991	Japan	G06K	9/00	Yes No
✓	AP2	3-194674	08/1991	Japan	G06K	9/00	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

g3l ✓	AR	2	TouchPrint™ 600 Palm Scanner, Identix [online], retrieved November 17, 1999. Retrieved from the Internet:<URL: http://www.identix.com/products/palmscan.htm , 3 pages.
g3l	AS	2	English-language Abstract of Japanese Patent Publication No. 01-205392, from http://www1.ipdl.jpo.go.jp , 1 Page (August 17, 1989 - Date of publication of application).
g3l	AT	2	English-language Abstract of Japanese Patent Publication No. 03-161884, from http://www1.ipdl.jpo.go.jp , 2 Pages (July 11, 1991 - Date of publication of application).

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9/3/9	AA3	5,892,599	04/1999	Bahuguna			
	AB3	5,942,761	08/1999	Tuli			
	AC3	5,974,162	10/1999	Metz et al.			
	AD3	5,991,467	11/1999	Kamiko			
	AE3	6,038,332	03/2000	Fishbine et al.			
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	AG3	6,064,753	05/2000	Bolle et al.			
	AH3	6,072,891	06/2000	Hamid et al.			
	AI3	6,122,394	09/2000	Neukermans et al.			
	AJ3	6,144,408	11/2000	MacLean			
✓	AK3	6,178,255 B1	01/2001	Scott et al.			04/28/1998

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
9/3/9	AL3	3-194675	08/1991	Japan	G06K	9/00	Yes No
9/3/9	AM3	62-212892	09/1987	Japan	G06K	9/20	Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

9/3/9 ✓	AR	1	English-language Abstract of Japanese Patent Publication No. 03-194674, from http://www1.ipdl.jpo.go.jp , 2 Pages (August 26, 1991 - Date of publication of application).
9/3/9 ✓	AS	1	English-language Abstract of Japanese Patent Publication No. 03-194675, from http://www1.ipdl.jpo.go.jp , 2 Pages (August 26, 1991 - Date of publication of application).
9/3/9 ✓	AT	1	English-language Abstract of Japanese Patent Publication No. 62-212892, from http://www1.ipdl.jpo.go.jp , 1 Page (September 18, 1987 - Date of publication of application).

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9/3/9 et al

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	AB4	6,281,931 B1	08/2001	Tsao et al.			11/04/1997
	AC4	6,327,047 B1	12/2001	Motamed			01/22/1999
	AD4	6,347,163 B2	02/2002	Roustaei			05/19/1995
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	AF4						
	AG4						
	AH4						
	AI4						
	AJ4						
	AK4						

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

xyz	AR	4	English-language Abstract of Japanese Patent Publication No. 10079017, 1 Page (March 24, 1998 - Date of publication of application).
	AS	4	
	AT	4	

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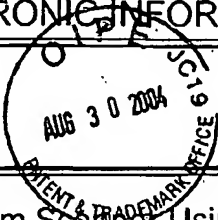
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
 Stylesheet Version v18.0



Title of Invention

Palm Scanner Using A Programmable Nutating Mirror For Increased Resolution

Application Number: 10/020498

Confirmation Number: 8710

First Named Applicant: Walter SCOTT

Attorney Docket Number: 1823.0340001

Art Unit: 2625

Examiner: Yon Jung Couso

Search string: (5928347 or 5946135 or 5960100 or 5973731 or 5987155 or 5995014 or 5999307 or 6018739 or 6023522 or 6041372 or 6055071 or 6064779 or 6075876 or 6078265 or 6088585 or 6097873 or 6104809 or 6115484 or 6150665 or 6154285 or 6162486 or 6166787 or 6195447 or 6198836 or 6204331 or 6272562 or 5869822),pn.



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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
8/31	1	5928347	1999-07-27	Jones			
	2	5946135	1999-08-31	Auerswald et al.			
	3	5960100	1999-09-28	Hargrove			
	4	5973731	1999-10-26	Schwab			
	5	5987155	1999-11-16	Dunn et al.			
	6	5995014	1999-11-30	DiMaria			
	7	5999307	1999-12-07	Whitehead et al.			
	8	6018739	2000-01-25	McCoy et al.			
	9	6023522	2000-02-08	Draganoff et al.			
	10	6041372	2000-03-21	Hart et al.			
	11	6055071	2000-04-25	Kuwata et al.			
	12	6064779	2000-05-16	Neukermans et al.			
	13	6075876	2000-06-13	Draganoff			
	14	6078265	2000-06-20	Bonder et al.			
	15	6088585	2000-07-11	Schmitt et al.			
✓	16	6097873	2000-08-01	Filas et al.			

✓	17	6104809	2000-08-15	Berson et al.	
	18	6115484	2000-09-05	Bowker et al.	
	19	6150665	2000-11-21	Suga	
	20	6154285	2000-11-28	Teng et al.	
	21	6162486	2000-12-19	Samouilhan et al.	
	22	6166787	2000-12-26	Akins et al.	
	23	6195447	2001-02-27	Ross	B1
	24	6198836	2001-03-06	Hauke	B1
	25	6204331	2001-03-20	Sullivan et al.	B1
	26	6272562	2001-08-07	Scott et al.	B1
✓	27	5869822	1999-02-09	Meadows, II et al.	

Signature

Examiner Name	Date
<i>K. B. Patel</i>	<i>3/17/05</i>

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
 Stylesheet Version v18.0



Title of Invention

Palm Scanner Using A Programmable Nutating Mirror for Increased Resolution

Application Number: 10/020498

Confirmation Number: 8710

First Named Applicant: Walter SCOTT

Attorney Docket Number: 1823.0340001

Art Unit: 2625

Examiner: Yon Jung Couso

Search string: (5291318 or 5351127 or 5363318 or 5384621 or 5412463 or 5416573 or 5467403 or 5469506 or 5473144 or 5509083 or 5517528 or 5591949 or 5596454 or 5598474 or 5613014 or 5615277 or 5640422 or 5649128 or 5661451 or 5689529 or 5717777 or 5729334 or 5736734 or 5745684 or 5748766 or 5755748 or 5757278 or 5778089 or 5781647 or 5793218 or 5801681 or 5805777 or 5812067 or 5815252 or 5818956 or 5822445 or 5825005 or 5825474 or 5828773 or 5832244 or 5848231 or 5859420 or 5859710 or 5862247 or 5867802 or 5872834 or 5900993 or 5907627 or 5920384 or 5920640).pn.



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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5291318	1994-03-01	Genovese			
<input checked="" type="checkbox"/>	2	5351127	1994-09-27	King et al.			
<input checked="" type="checkbox"/>	3	5363318	1994-11-08	McCauley			
<input type="checkbox"/>	4	5384621	1995-01-24	Hatch et al.			
<input type="checkbox"/>	5	5412463	1995-05-02	Sibbald et al.			
<input type="checkbox"/>	6	5416573	1995-05-16	Sartor, Jr.			
<input type="checkbox"/>	7	5467403	1995-11-14	Fishbine et al.			
<input type="checkbox"/>	8	5469506	1995-11-21	Berson et al.			
<input type="checkbox"/>	9	5473144	1995-12-05	Mathurin, Jr.			
<input type="checkbox"/>	10	5509083	1996-04-16	Abtahi et al.			
<input type="checkbox"/>	11	5517528	1996-05-14	Johnson			
<input type="checkbox"/>	12	5591949	1997-01-07	Bernstein			
<input checked="" type="checkbox"/>	13	5596454	1997-01-21	Hebert			

KBC	14	5598474	1997-01-28	Johnson
	15	5613014	1997-03-18	Eshera et al.
	16	5615277	1997-03-25	Hoffman
	17	5640422	1997-06-17	Johnson
	18	5649128	1997-07-15	Hartley
	19	5661451	1997-08-26	Pollag
	20	5689529	1997-11-18	Johnson
	21	5717777	1998-02-10	Wong et al.
	22	5729334	1998-03-17	Van Ruyven
	23	5736734	1998-04-07	Marcus et al.
	24	5745684	1998-04-28	Oskouy et al.
	25	5748766	1998-05-05	Maase et al.
	26	5755748	1998-05-26	Borza
	27	5757278	1998-05-26	Iltsumi
	28	5778089	1998-07-07	Borza
	29	5781647	1998-07-14	Fishbine et al.
	30	5793218	1998-08-11	Oster et al.
	31	5801681	1998-09-01	Sayag
	32	5805777	1998-09-08	Kuchta
	33	5812067	1998-09-22	Bergholz et al.
	34	5815252	1998-09-29	Price-Francis
	35	5818956	1998-10-06	Tuli
	36	5822445	1998-10-13	Wong
	37	5825005	1998-10-20	Behnke
	38	5825474	1998-10-20	Maase
	39	5828773	1998-10-27	Setlak et al.
	40	5832244	1998-11-03	Jolley et al.
	41	5848231	1998-12-08	Teitelbaum et al.
	42	5859420	1999-01-12	Borza
	43	5859710	1999-01-12	Hannah
	44	5862247	1999-01-19	Fisun et al.
	45	5867802	1999-02-02	Borza
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	47	5900993	1999-05-04	Betensky
	48	5907627	1999-05-25	Borza
	49	5920384	1999-07-06	Borza
✓	50	5920640	1999-07-06	Salatino et al.

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Examiner Name

Date

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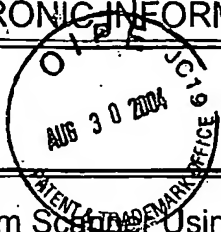
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 Stylesheet Version v18.0



Title of Invention

Palm Scanner Using A Programmable Nutating Mirror For Increased Resolution

Application Number: 10/020498

Confirmation Number: 8710

First Named Applicant: Walter SCOTT

Attorney Docket Number: 1823.0340001

Art Unit: 2625

Examiner: Yon Jung Couso

Search string: (D348445 or D351144 or 2500017 or 3200701 or 3475588 or 3482498 or 3495259 or 3527535 or 3540025 or 3617120 or 3906520 or 3947128 or 3968476 or 3975711 or 4032975 or 4063226 or 4120585 or 4209481 or 4322163 or 4414684 or 4537484 or 4553837 or 4544267 or 4601195 or 4669487 or 4681435 or 4684802 or 4701772 or 4783823 or 4784484 or 4792226 or 4876726 or 4924085 or 4933976 or 4942482 or 4946276 or 4995086 or 5054090 or 5067162 or 5067749 or 5131038 or 5146102 or 5187747 or 5210588 or 5222152 or 5222153 or 5230025 or 5233404 or 5249370 or 5261266 or 20020030668).pn.



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<input checked="" type="checkbox"/>	1	D348445	1994-07-05	Fishbine et al.			
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<input type="checkbox"/>	4	3200701	1965-08-17	White			
<input type="checkbox"/>	5	3475588	1969-10-28	McMaster			
<input type="checkbox"/>	6	3482498	1969-12-09	Becker			
<input type="checkbox"/>	7	3495259	1970-02-10	Rocholl et al.			
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<input type="checkbox"/>	10	3617120	1971-11-02	Roka			
<input type="checkbox"/>	11	3906520	1975-09-16	Phillips			
<input checked="" type="checkbox"/>	12	3947128	1976-03-30	Weinberger et al.			

✓	13	3968476	1976-07-06	McMahon
	14	3975711	1976-08-17	McMahon
	15	4032975	1977-06-28	Malueg et al.
	16	4063226	1977-12-13	Kozma et al.
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	18	4209481	1980-06-24	Kashiro et al.
	19	4322163	1982-03-30	Schiller
	20	4414684	1983-11-08	Blonder
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	25	4669487	1987-06-02	Frieling
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	36	4946276	1990-08-07	Chilcott
	37	4995086	1991-02-19	Lilley et al.
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	40	5067749	1991-11-26	Land
	41	5131038	1992-07-14	Puhl et al.
	42	5146102	1992-09-08	Higuchi et al.
	43	5187747	1993-02-16	Capello et al.
	44	5210588	1993-05-11	Lee
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	47	5230025	1993-07-20	Fishbine et al.
	48	5233404	1993-08-03	Lougheed et al.
	49	5249370	1993-10-05	Stanger et al.
✓	50	5261266	1993-11-16	Lorenz et al.

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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
236	1	20020030668	2002-03-14	Hoshino et al.	A1		

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